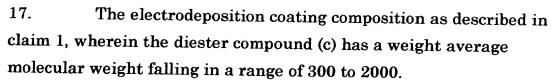


- 1. An electrodeposition coating composition comprising an ester compound selected from the group consisting of:
- (a) a diester compound of polyoxyalkylene glycol and aliphatic monocarboxylic acid,
- (b) a diester compound of polyoxyalkylene alkyl ether monoalcohol and aliphatic dicarboxylic acid and
- (c) a polyester compound obtained by reaction of aliphatic glycol having 2 or 3 carbon atoms, aliphatic dicarboxylic acid and aliphatic monoalcohol.
- 2. The electrodeposition coating composition as described in claim 1, wherein the polyoxyalkylene glycol in the diester compound (a) is selected from polyethylene glycol, polypropylene glycol and polybutylene glycol.
- 3. The electrodeposition coating composition as described in claim 1, wherein the polyoxyalkylene glycol in the diester compound (a) has a weight average molecular weight falling in a range of 150 to 1000.
- 4. The electrodeposition coating composition as described in claim 1, wherein the aliphatic monocarboxylic acid in the diester compound (a) is aliphatic monocarboxylic acid having 6 to 10 carbon atoms, particularly 8 carbon atoms.
- 5. The electrodeposition coating composition as described in claim 4, wherein the aliphatic monocarboxylic acid is selected from hexanoic acid, heptanoic acid, caprylic acid, nonanoic acid, decanoic acid, 2-ethylhexenoic acid, isooctylic acid and neodecanoic acid.
- 6. The electrodeposition coating composition as described in claim 1, wherein the diester compound (a) has a weight average molecular weight falling in a range of 40 to 1200.
- 7. The electrodeposition coating composition as described in claim 1, wherein the polyoxyalkylene alkyl ether monoalcohol in the



diester compound (b) has an alkylene group having 2 to 4 carbon atoms and an alkyl group having 4 to 8 carbon atoms.

- 8. The electrodeposition coating composition as described in claim 1, wherein the polyoxyalkylene alkyl ether monoalcohol in the diester compound (b) has a weight average molecular weight falling in a range of 100 to 500.
- 9. The electrodeposition coating composition as described in claim 1, wherein the aliphatic dicarboxylic acid in the diester compound (b) is aliphatic dicarboxylic acid having 4 to 8 carbon atoms.
- 10. The electrodeposition coating composition as described in claim 9, wherein the aliphatic dicarboxylic acid is selected from succinic acid, glutaric acid, adipic acid, pimelic acid and suberic acid.
- 11. The electrodeposition coating composition as described in claim 1, wherein the diester compound (b) has a weight average molecular weight falling in a range of 300 to 1200.
- 12. The electrodeposition coating composition as described in claim 1, wherein the aliphatic glycol in the diester compound (c) is selected from ethylene glycol, propylene glycol and 1,3-propanediol.
- 13. The electrodeposition coating composition as described in claim 1, wherein the aliphatic dicarboxylic acid in the diester compound (c) is aliphatic dicarboxylic acid having 4 to 8 carbon atoms.
- 14. The electrodeposition coating composition as described in claim 13, wherein the aliphatic dicarboxylic acid is selected from succinic acid, glutaric acid, adipic acid, pimelic acid and suberic acid.
- 15. The electrodeposition coating composition as described in claim 1, wherein the aliphatic monoalcohol in the diester compound (c) is aliphatic monoalcohol having 4 to 13 carbon atoms.
- 16. The electrodeposition coating composition as described in claim 1, wherein the aliphatic monoalcohol is selected from butyl alcohol, hexyl alcohol, octyl alcohol, 2-ethylhexyl alcohol, isononyl alcohol, tridecanol and tridecyl alcohol.



- 18. The electrodeposition coating composition as described in claim 1, wherein the electrodeposition coating composition is a cationically electrodeposition coating composition or an anionically electrodeposition coating composition.
- 19. The electrodeposition coating composition as described in claim 1, comprising the ester compound in a range of 0.5 to 20 parts by weight per 100 parts by weight of the resin solid matter of the electrodeposition coating composition.
- 20. The electrodeposition coating composition as described in claim 1, comprising the ester compound in a range of 1 to 10 parts by weight per 100 parts by weight of the resin solid matter of the electrodeposition coating composition.
- 21. An article coated with the electrodeposition coating composition as described in claim 1